ABSTRACT OF THE DISCLOSURE

Systems, methods, and computer program products for synchronizing items at replicas within a topology is disclosed. Items are stored in physical tables at the replicas. The physical table layouts at each replica can differ but are mapped to a common logical view. When a replica receives an indication that synchronization should be performed, the replica determines if changes have been made at the replica that should be mapped to the logical views. Replicas can facilitate this by comparing local change enumerations for changes made in physical tables to synchronization local change enumerations for changes in the logical views. Any changes that need to be synchronized are sent through the logical views to other replicas in the topology.

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WORKMAN NYDEGGER
A PROFESSIONAL CORPORATION
ATTORNEYS AT LAW
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111